

SEQUENCE LISTING

Rat TC-Gβ3 nucleotide sequence (165-17 clone)- SEQ ID NO:1

5 AACAAAAGGGCATAAAGAAAGTGGCTGGGAGGGAGCCAGGATACTAGGAGT
GACACCTATAGTCATGGGCTGAGCGCTCTGGCCATTCCCARGCCGGACAAAG
GCTGCTGGTAGCCCAGGAGTCATCTAGGGTGGGGAGGGTCTGTTCTTGTATTAT

Rat G-protein beta 3 nucleotide sequence (Accession L29090) - SEQ ID NO:2

10 1 gggcgcttg gaagcgaaa cctgggagaa atccagctag agcccaagag ccaggactac
61 cccttgacct gtgaacctg ggggagatgg agcagctgaa gcaggaggcg gagcagctca
121 agaagcagat tgctgatgcc aggaagcct gtgcggacat cactctggct gagcttgtgt
181 ctggcctgga ggtggtggga cgagtcaga tgcggacacg gaggacgta aggggacacc
241 tggctaagat ctatgcatg cactgggcca ctgactctaa gctgctagta agtgctcgc
301 aggatgggaa gctgatcgtg tgggacactt acaccacaa taaggtgcat gctatcccgc
15 361 tgcgttctc ctgggtcatg acctgtgcct atgcaccatc agggaacttc gtggcatgtg
421 gggggctaga taacatgtgc tcaatctaca gcctcaaac cctgagggc aatgtcaagg
481 tcagccggga actctcggt cacacagggt atctctctg ttgccgttc ctggatgaca
541 acaacattgt gactagctct ggggacacca cgtgtgcctt gtgggacatt gagacggggc
601 agcagaagac agtgttcgtg ggacacactg gtgactgcat gagcctggct gtgtcccag
20 661 actacaaact ctcatctcg ggagcttgtg atgccagcgc caagctctgg gatgtgaggg
721 aagggaactg tcgccagact ttactggcc acgagtcaga catcaatgct atctgtttct
781 ttccaatgg ggaggccatc tgcactggct cagatgatgc ctctgccgc ctcttgacc
841 tgagggcaga ccaggaaact acagcctact cccacgagag catcatctgt ggcatcacgt
901 ccgtagcctt ctactcagt ggtgcctgc tcttgctgg ctatgatgac ttcaactgca
25 961 atgtctggga ctctctgaag tgtgagcgtg taggcgttct ttctggccat gacaacagag
1021 tcagttgcct gggggtcaca gctgacggca tggctgtggc cactggatcc tgggacagct
1081 tctcaagat ctggaactga ggaggctgga ggaagaggtg ggaagccatg aaggctctca
1141 gctgactect atgccctgc tcttagggt cagtcttcta taccctgggg cactcccag
1201 taaacttct tctaaggga ggtgggatta taggagtgtg cctttgggag tagcagggtc
30 1261 acaagggcaa agaactgcc catttctcc agggcctctc ctctccacag tctcatage
1321 ttctcccttc ataacaaga acagaccctc cccaccctag atgactctg ggctaccagc
1381 agcgtttgc cggcctggga atggccagag cgctcagccc atgactatag gtgtcactcc

1441 tagtatcctg gctccctccc agcgacttcc ttctgccct ttgttctct cttattacct

1501 aataaaatgt agcatcctgg //

Rat G-protein beta 3 amino acid sequence (Accession 456704) - SEQ ID NO:3

5 1 mgemeqlkqe aeqlkkqiad arkacaditl aelvsglevv grvqmrtrt lrghlakiya
61 mhwatdskll vsasqdgkli vwdtytnkv haiprrsswv mtcayapsgn fvacggldnm
121 csiyslksre gnvkvsrels ahtgylsccr flldnnivts sgdtcalwd ietgqqktvf
181 vghtgdcmsl avspdyklfi sgacdasakl wdvregtrcq tftghesdin aicffpngea
241 ictgsddasc rlfldradqe ltayshesii cgitsvafsl sgrllfagy d fncnvwdsi
10 301 kcervgvlsg hdnrvsclgv tadgmavatg swdsflkiwn

Human G protein beta 3 nucleotide sequence (Accession M31328) - SEQ ID NO:4

1 gggtcgatgg gggagatgga gcaactgcgt caggaagcgg agcagctcaa gaagcagatt
61 gcagatgcca ggaagcctg tgctgacgtt actctggcag agctggtgtc tggcctagag
15 121 gtggtgggac gaggccagat gcggacgcgg cggacgttaa ggggacacct ggccaagatt
181 tacgccatgc actgggccac tgattctaag ctgctggtaa gtgcctcgca agatgggaag
241 ctgatcgtgt gggacagcta caccaccaac aaggtgcacg ccatccact gcgctcctcc
301 tgggtcatga cctgtgcta tgccccatca gggaactttg tggcatgtgg ggggctggac
361 aacatgtgtt ccatctacaa cctcaaatcc cgtgagggca atgtcaaggt cagccgggag
20 421 ctttctgctc acacaggta tctctcctgc tgccgcttcc tggatgacaa caatattgtg
481 accagctcgg gggacaccac gtgtgccttg tgggacattg agactgggca gcagaagact
541 gtatttgttg gacacacggg tgactgcatg agcctggctg tgtctcctga ctcaatctc
601 ttcatttcgg gggcctgtga tgccagtccc aagctctggg atgtgcgaga ggggacctgc
661 cgtcagactt tactggcca cgatcgggac atcaacgcca tctgtttctt cccaatgga
25 721 gaggccatct gcacgggctc ggatgacgct tctgcccgt tgttgacct gcgggcagac
781 caggagctga tctgcttctc ccacgagagc atcatctcgg gcatcacgtc cgtggccttc
841 tccctcagtg gccgcctact attcgtggc tacgacgact tcaactgcaa tgtctgggac
901 tccatgaagt ctgagcgtgt gggcatcctc tctggccacg ataacagggt gagctgcctg
961 ggagtcacag ctgacgggat ggctgtggcc acaggttcct gggacagctt cctcaaatg
30 1021 tggaactgag gaggctggag aaaggggaagt ggaaggcagt gaacacactc agcagcccc
1081 tgcccagacc catctcattc aggtgttctc ttctatattc cgggtgccaat tcccactaag
1141 ctttctcctt tgagggcagt ggggagcatg ggactgtgcc ttggggaggc agcatcaggg
1201 acacaggggc aaagaactgc cccatctcct cccatggcct tcctcccca cagtcctcac

1261 agcctctccc ttaatgagca aggacaacct gcccctcccc agccctttgc aggcccagca
 1321 gacttgagtc tgaggcccca ggccttagga ttctcccc agagccacta cctttgtcca
 1381 ggctgggtg gtatagggcg ttggccctg tgactatggc tctggcacca ctagggtcct
 1441 ggcctcttc ttattcatgc ttctcctt ttctacctt tttctctcc taagacacct
 5 1501 gcaataaagt gtagcacct ggt

Human G-protein beta 3 amino acid sequence (Accession 306776) - SEQ ID NO:5

1 mgemeqlrqe aeqlkkqiad arkacadvtl aelvsglevv grvqmrtrt lrghlakiya
 61 mhwatdskll vsasqdgkli vwdsyttknv haiprswv mtcayapsgn fvacggldnm
 10 121 csiynlksre gnvkvsrels ahtgylsccr flddnnivts sgdtcalwd ietgqqktvf
 181 vghtgdcmsl avspdfnlfi sgacdasakl wdvregtcrq tftghesdin aicffpngea
 241 ictgsddasc rlfdlrade licfshesii cgitsvafsl sgrllfagyd dfncnvwdsm
 301 kservgilsg hdnrvsclgv tadgmavatg swdsfliwn